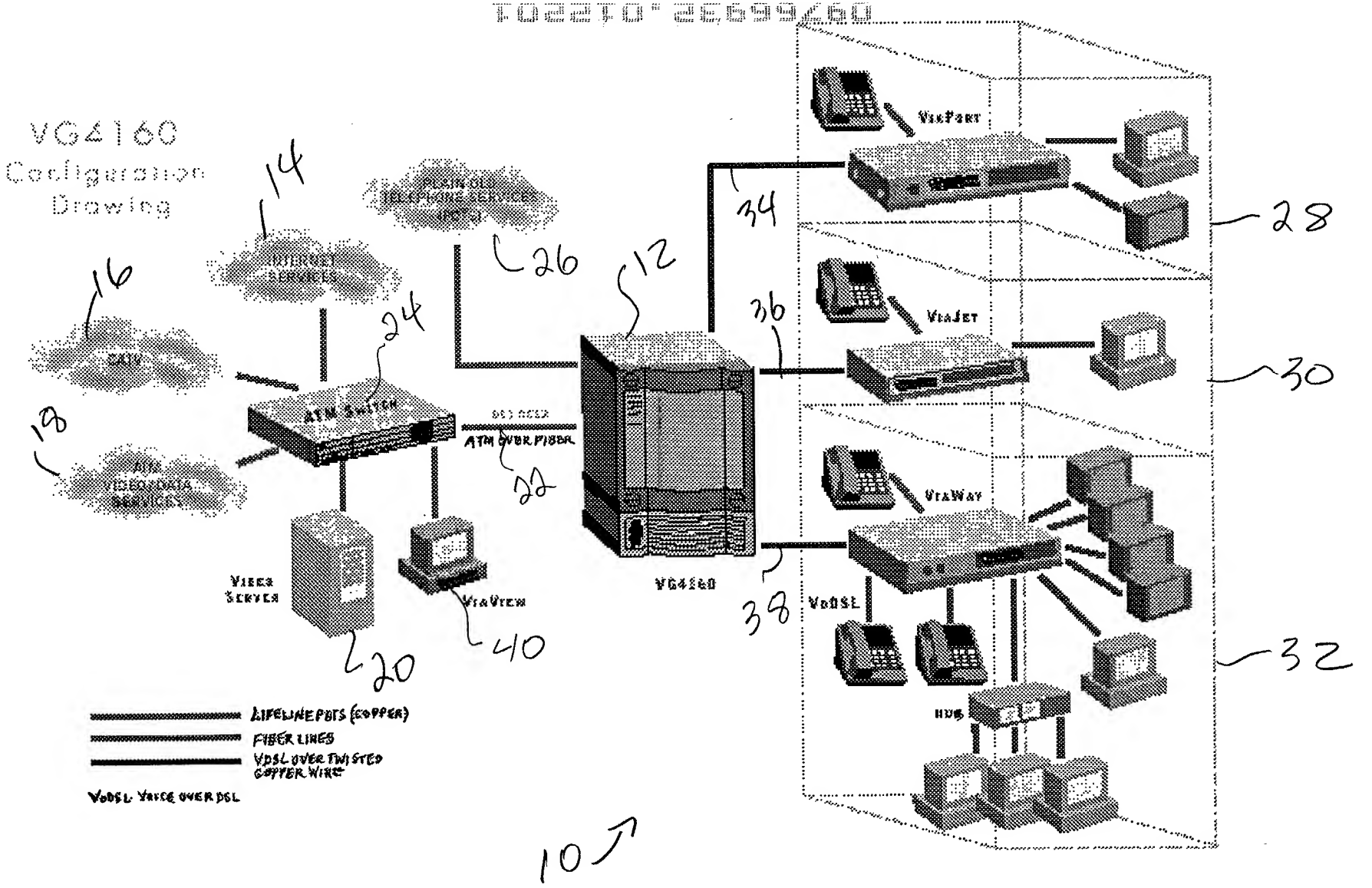
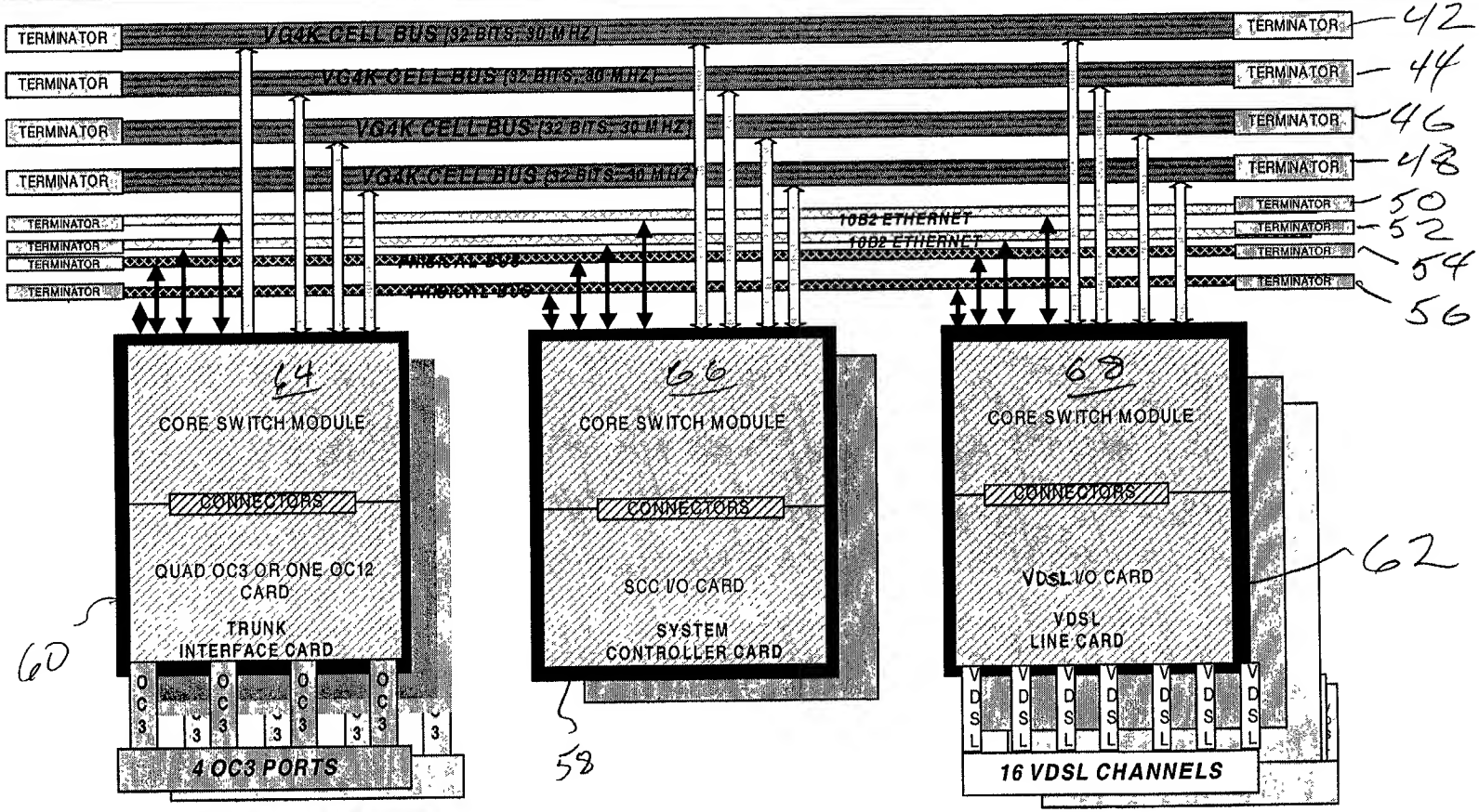

VG4160
Configuration
Drawing
14
16
18
24
26
12
34
36
38
28
30
32
22
20
40
10
ATM SWITCH
ATM OVER FIBER
VIDEO SERVER
VIAVIEW
VG4160
VIAPORT
VIAJET
VIAWAY
VDSL
HUB
LIFELINE POTS (COPPER)
FIBER LINES
VDSL OVER TWISTED COPPER WIRE
VDSL: VOICE OVER DSL

Fig. 1

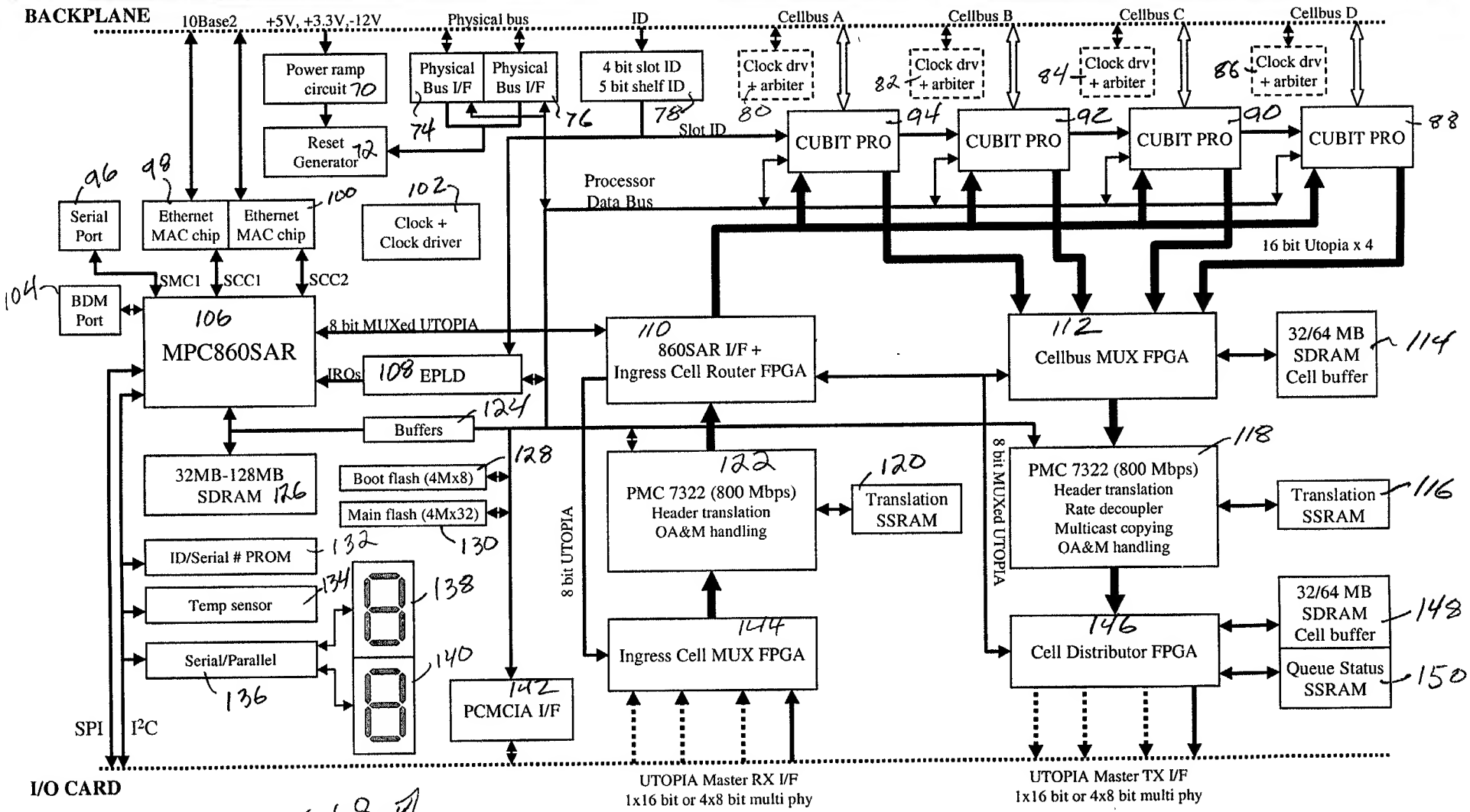
VG4000+ Block Diagram



VG 4000+ ARCHITECTURE

Fig. 2

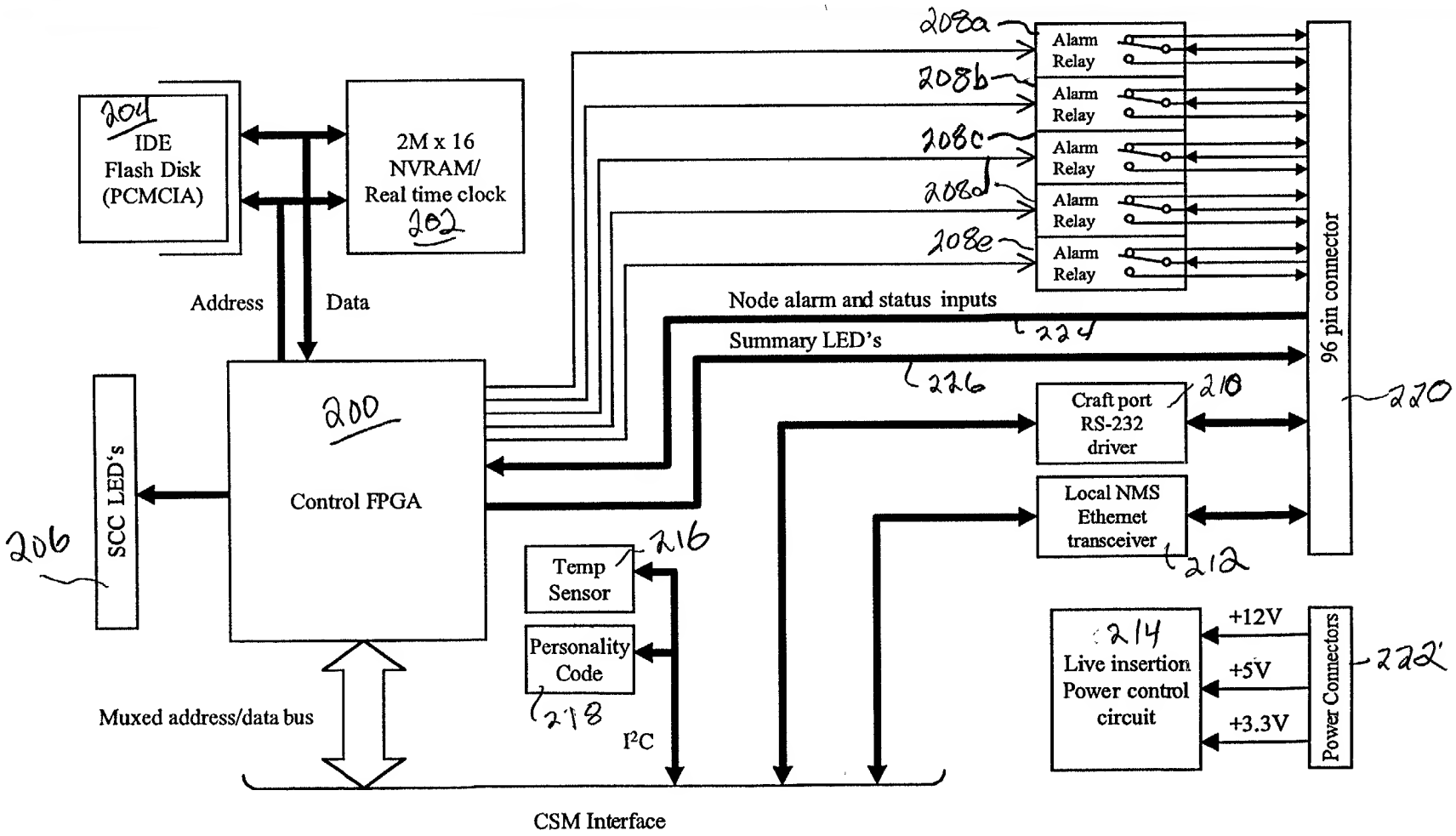
CSM Block Diagram



64, 66, 68

Fig. 3

System Controller I/O Card



58

Fig. 4

PO2670 "2699260

Quad OC3 Block Diagram

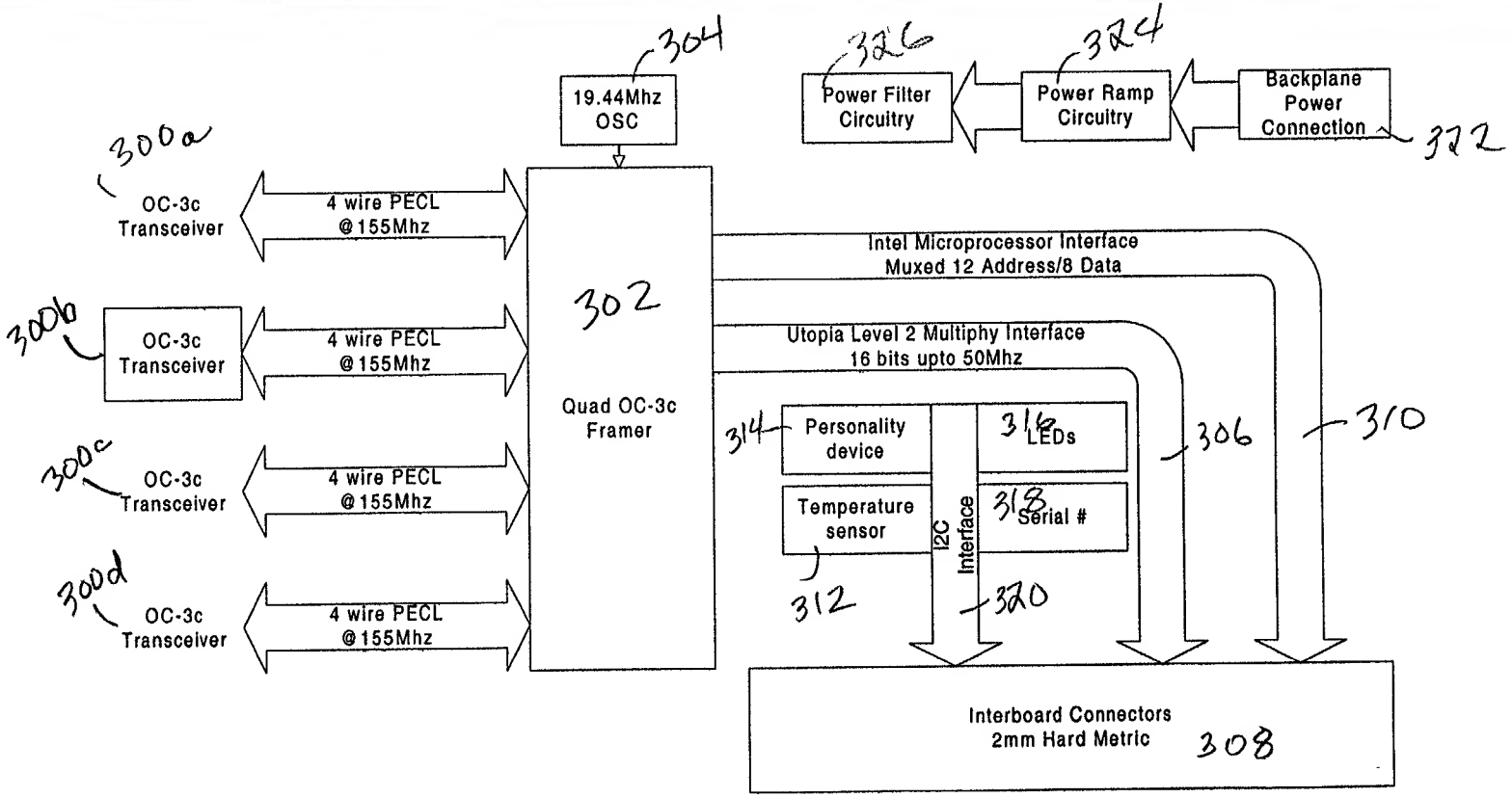


Fig. 5

VLC - VDSL Line Card

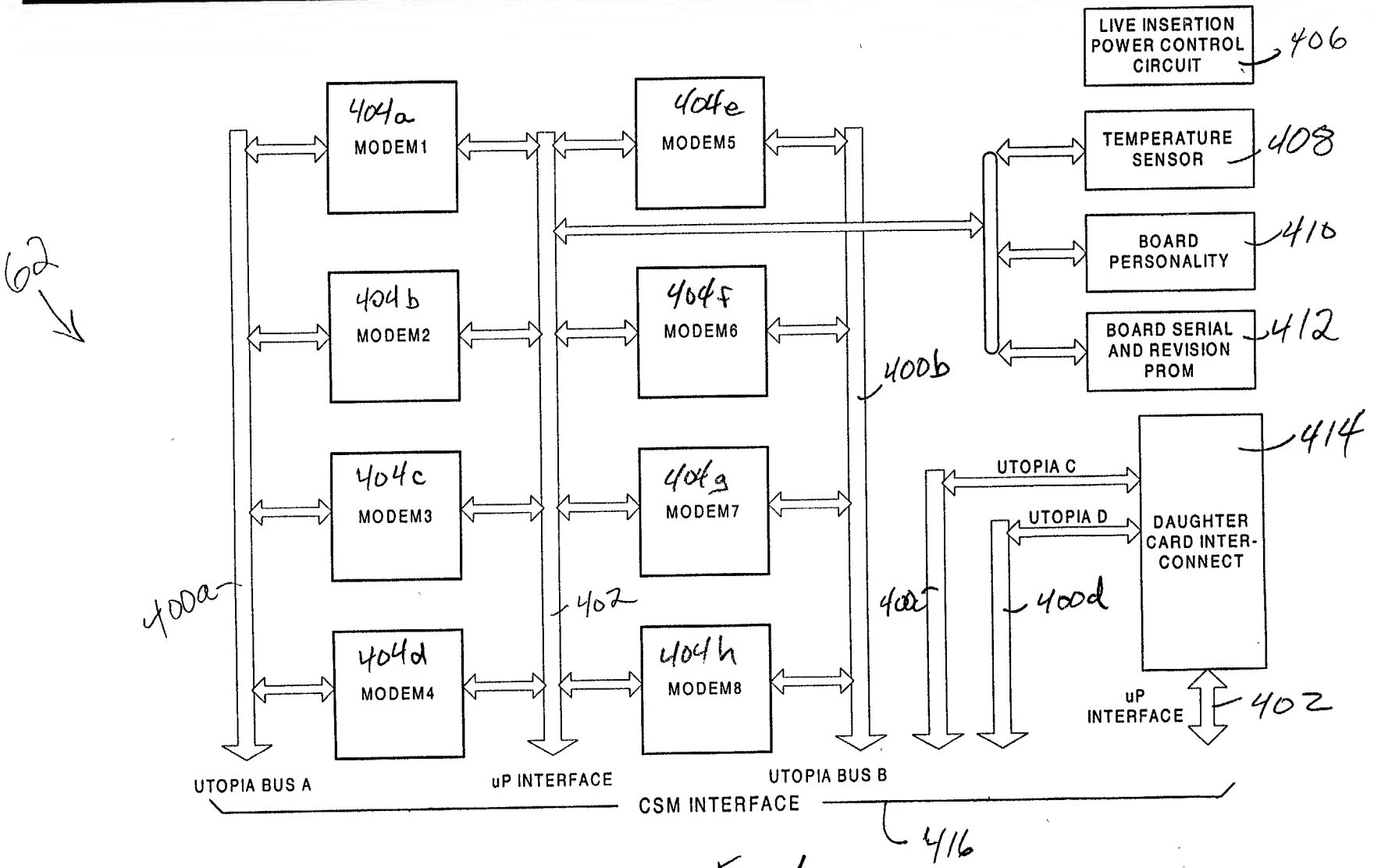


Fig. 6

ViaJet A40x Block Diagram

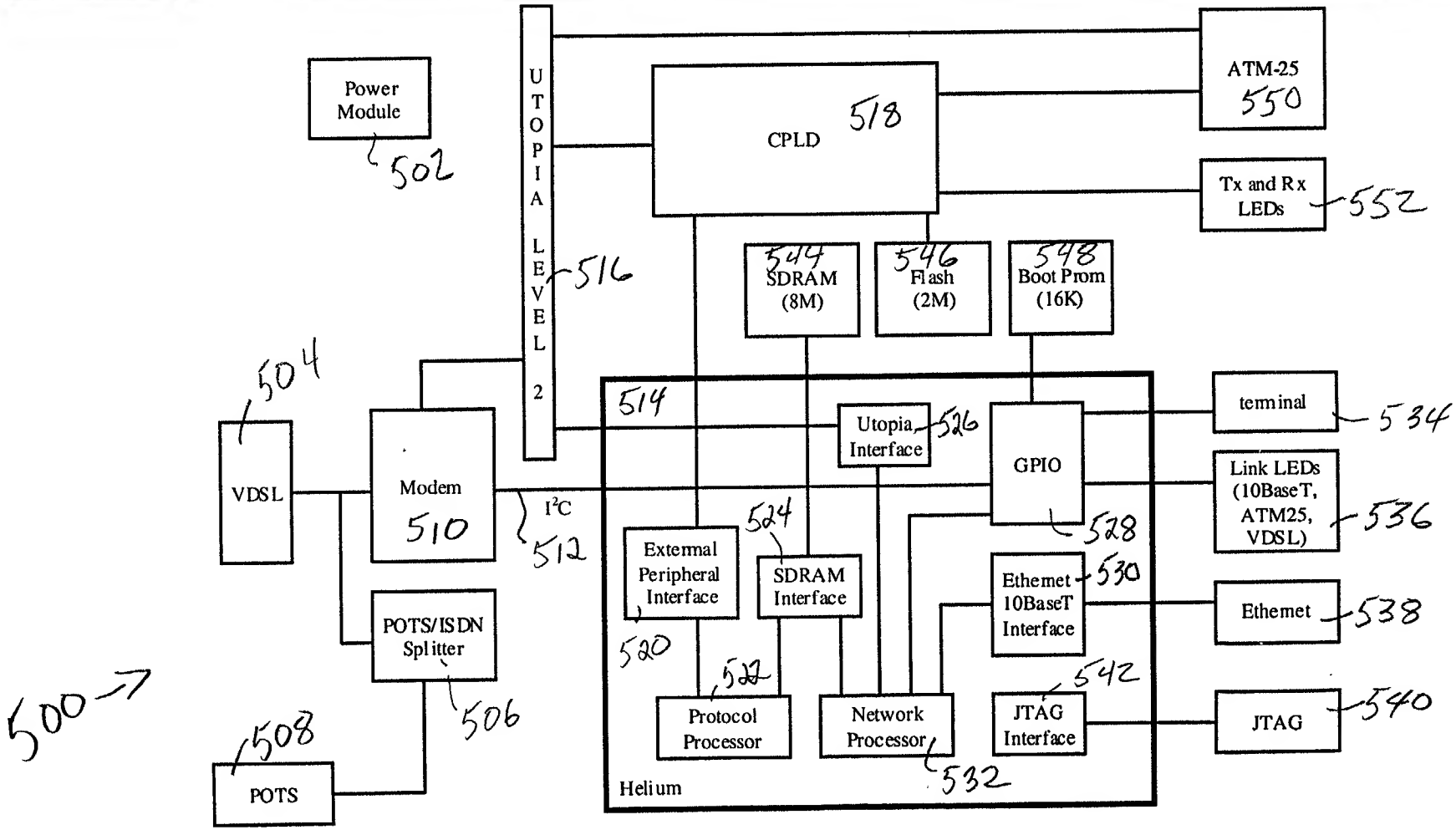


Fig. 7a

TO2210 2269260

ViaWay A406

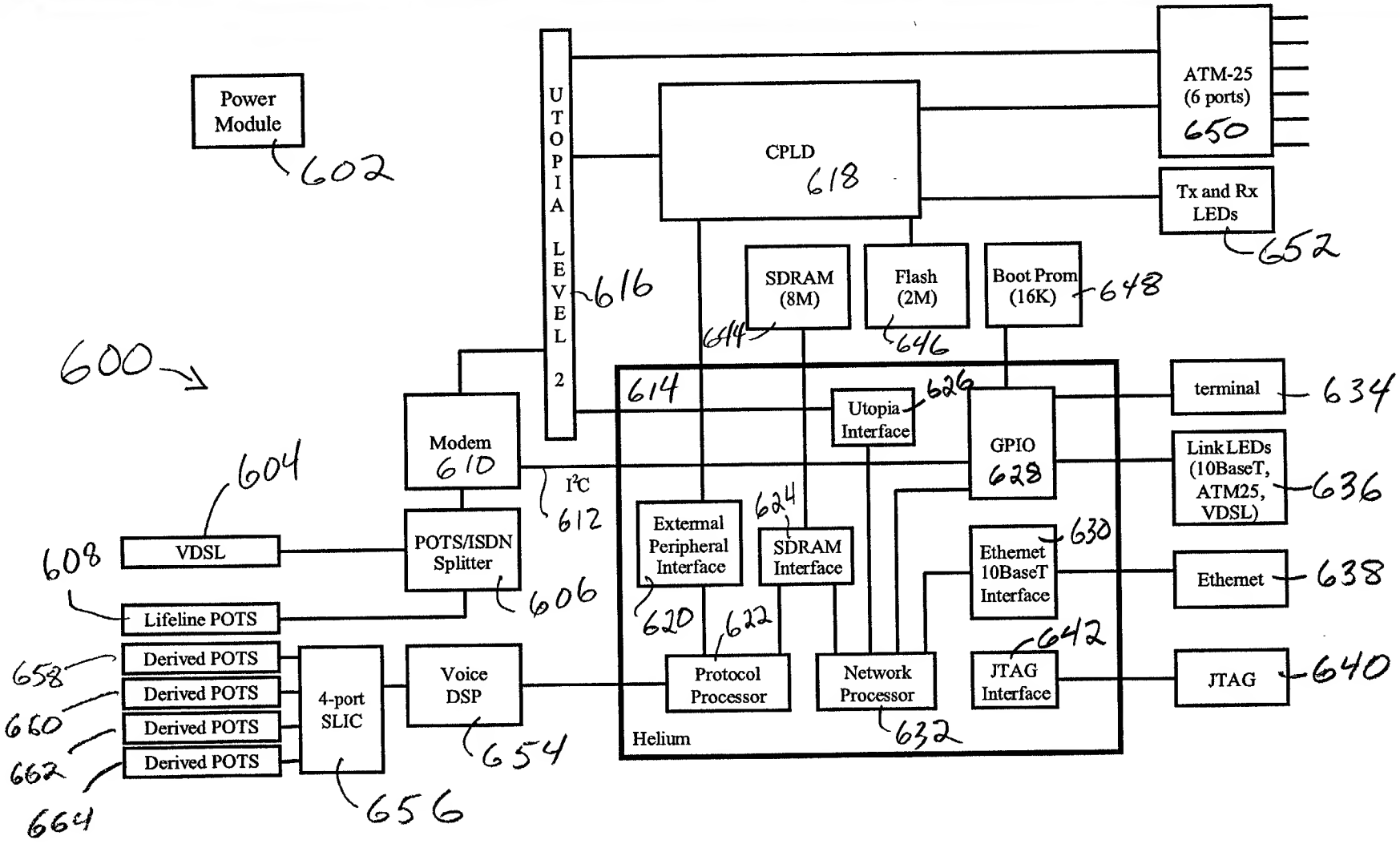


Fig. 7b

Typical Digital Set-Top Box

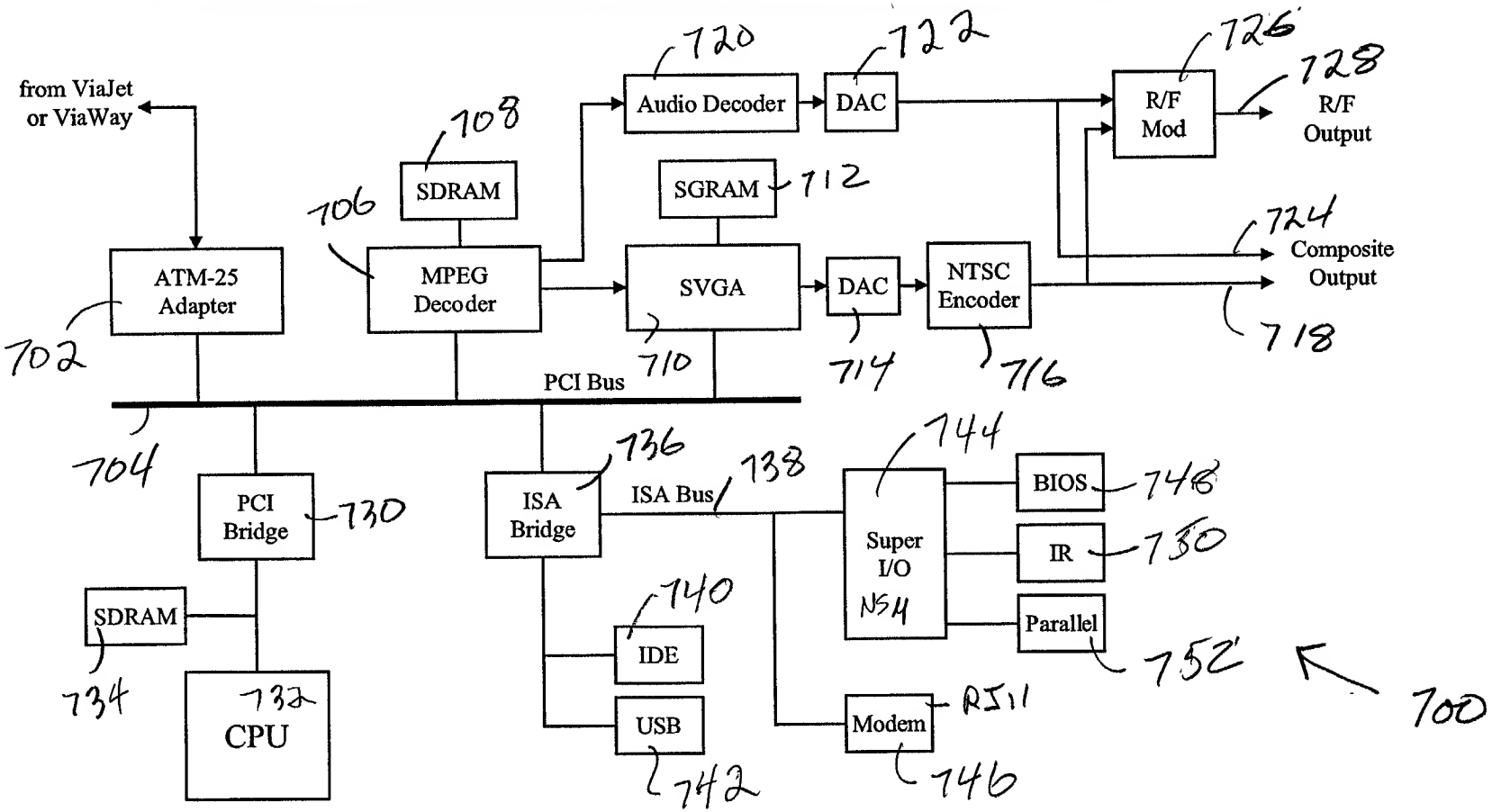
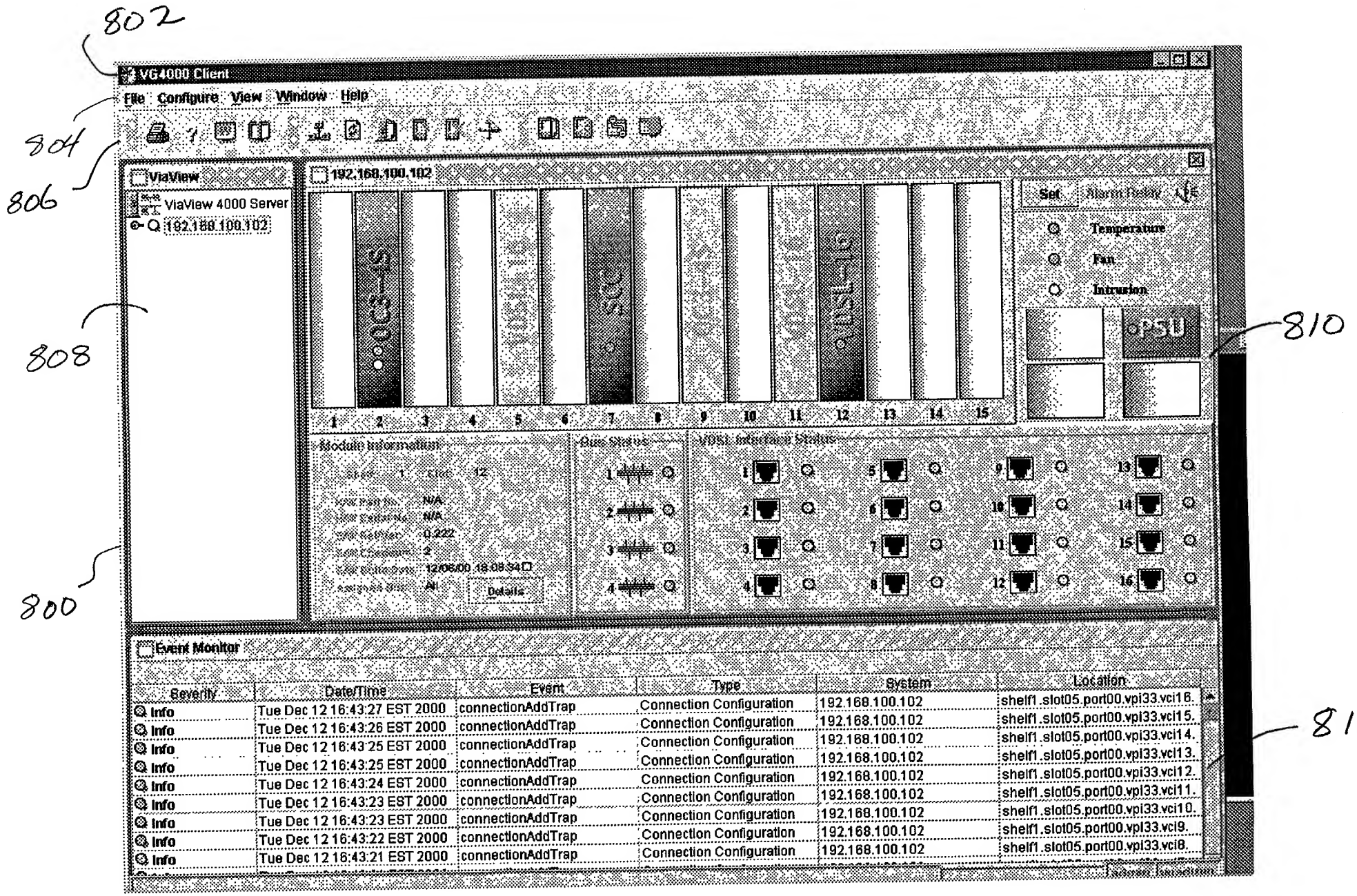


Fig. 7c


802
VG4000 Client
File Configure View Window Help
804
806
ViaView
ViaView 4000 Server
192.168.100.102
808
800
192.168.100.102
Set
Temperature
Fan
Intrusion
OPSU
810
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Module Information
Slot: 1 Size: 12
Port Count: 2
Details
Port Status
VPSI Interface Status
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Event Monitor
Severity | Date/Time | Event | Type | System | Location
Info | Tue Dec 12 16:43:27 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci16.
Info | Tue Dec 12 16:43:26 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci15.
Info | Tue Dec 12 16:43:25 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci14.
Info | Tue Dec 12 16:43:25 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci13.
Info | Tue Dec 12 16:43:24 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci12.
Info | Tue Dec 12 16:43:23 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci11.
Info | Tue Dec 12 16:43:23 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci10.
Info | Tue Dec 12 16:43:22 EST 2000 | connectionAddTrap | Connection Configuration | 192.168.100.102 | shelf1.slot05.port00.vpi33.vci9.
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812

Fig. 8

Node Management Paths

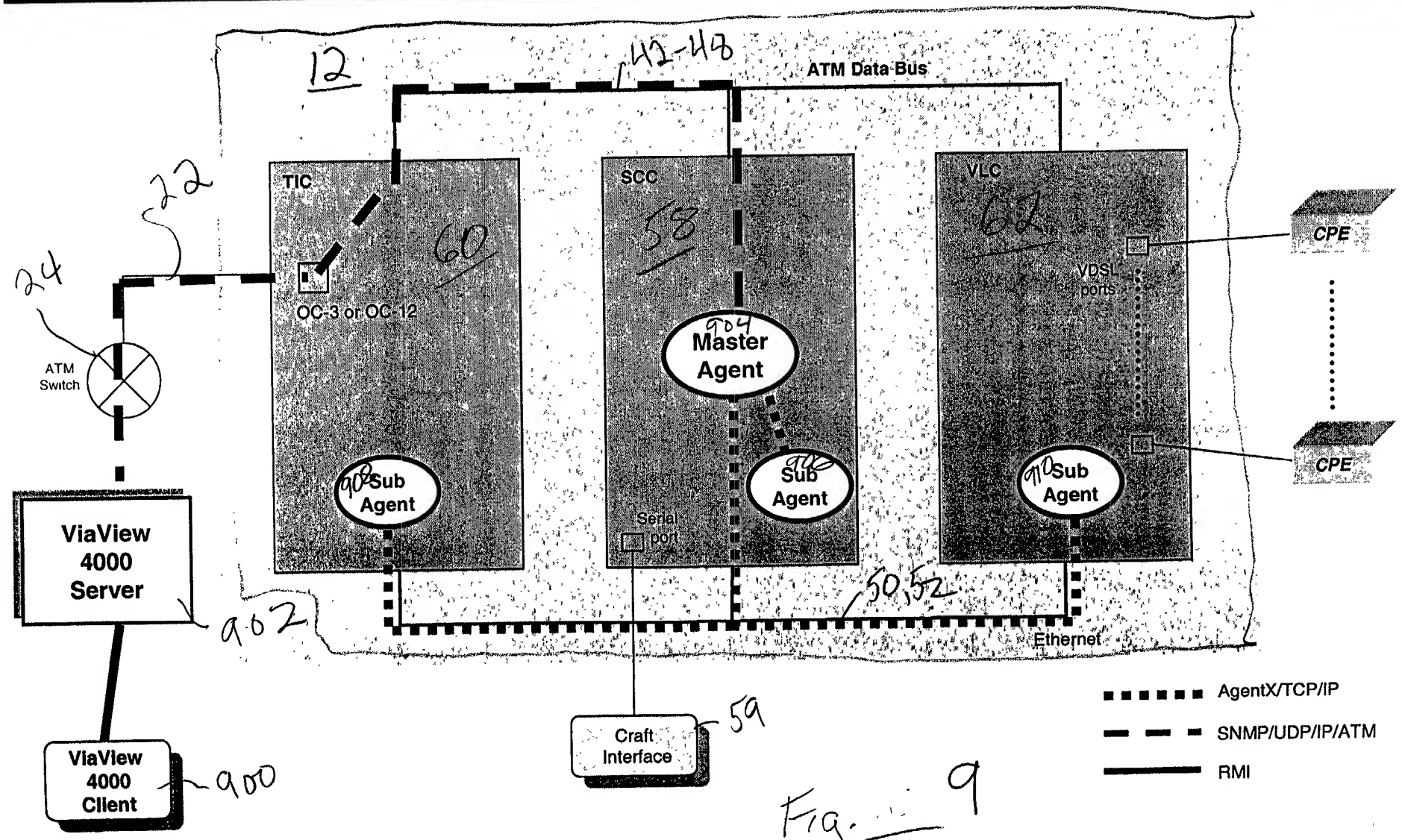

Fig. 9

CPE Management Path

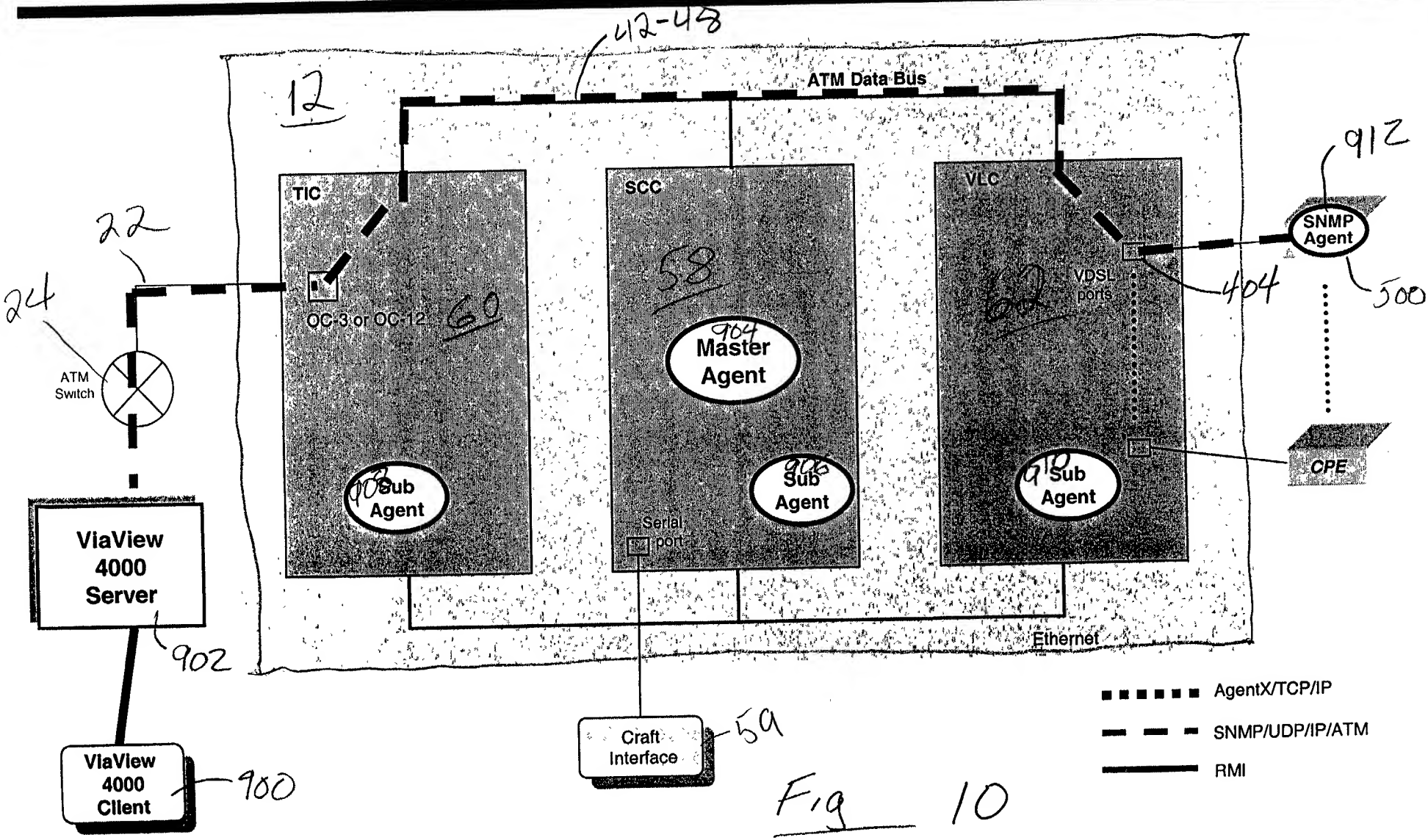

Fig 10

Connection Management

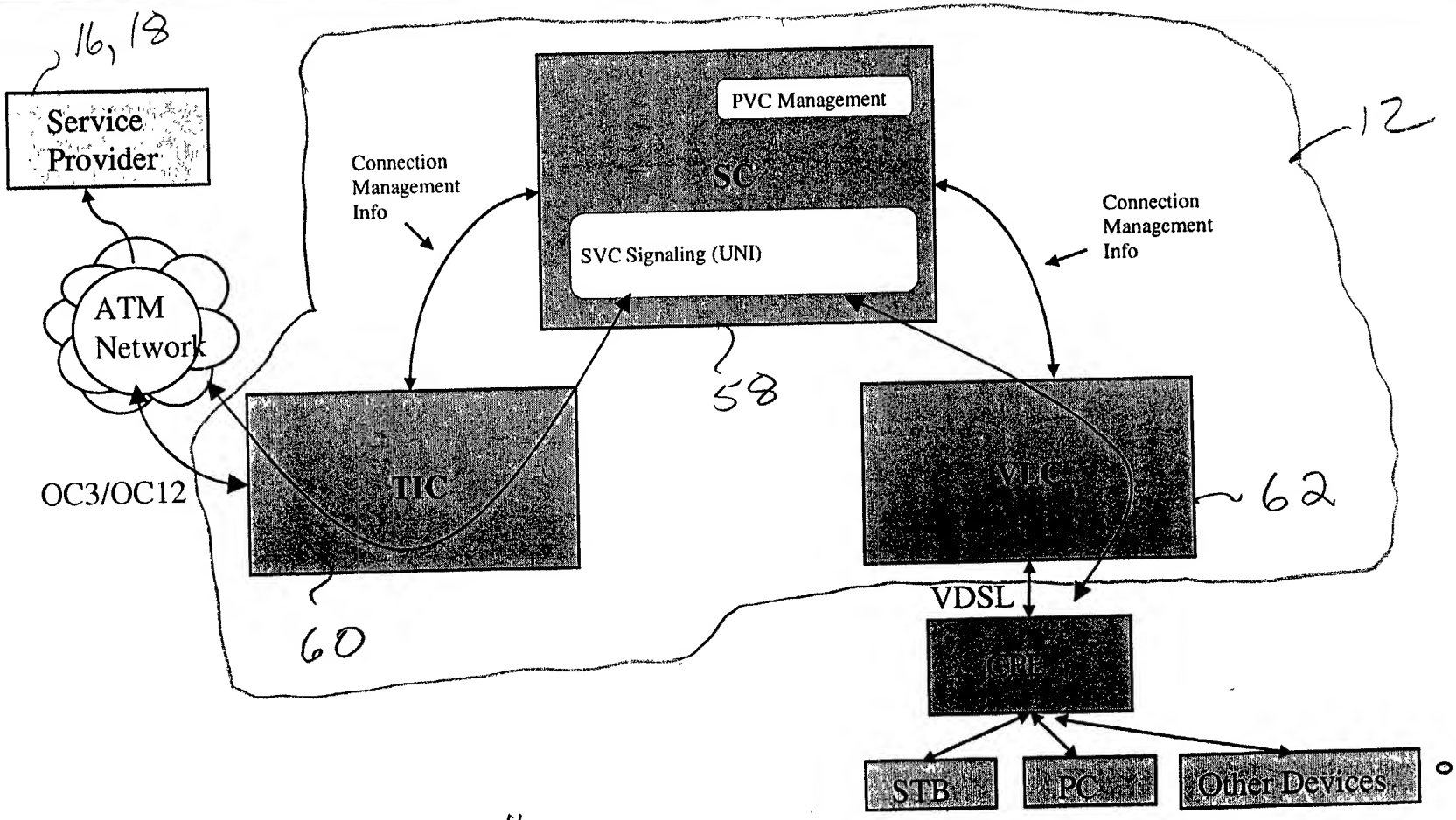

Fig. 11

CATV/Broadcast Management

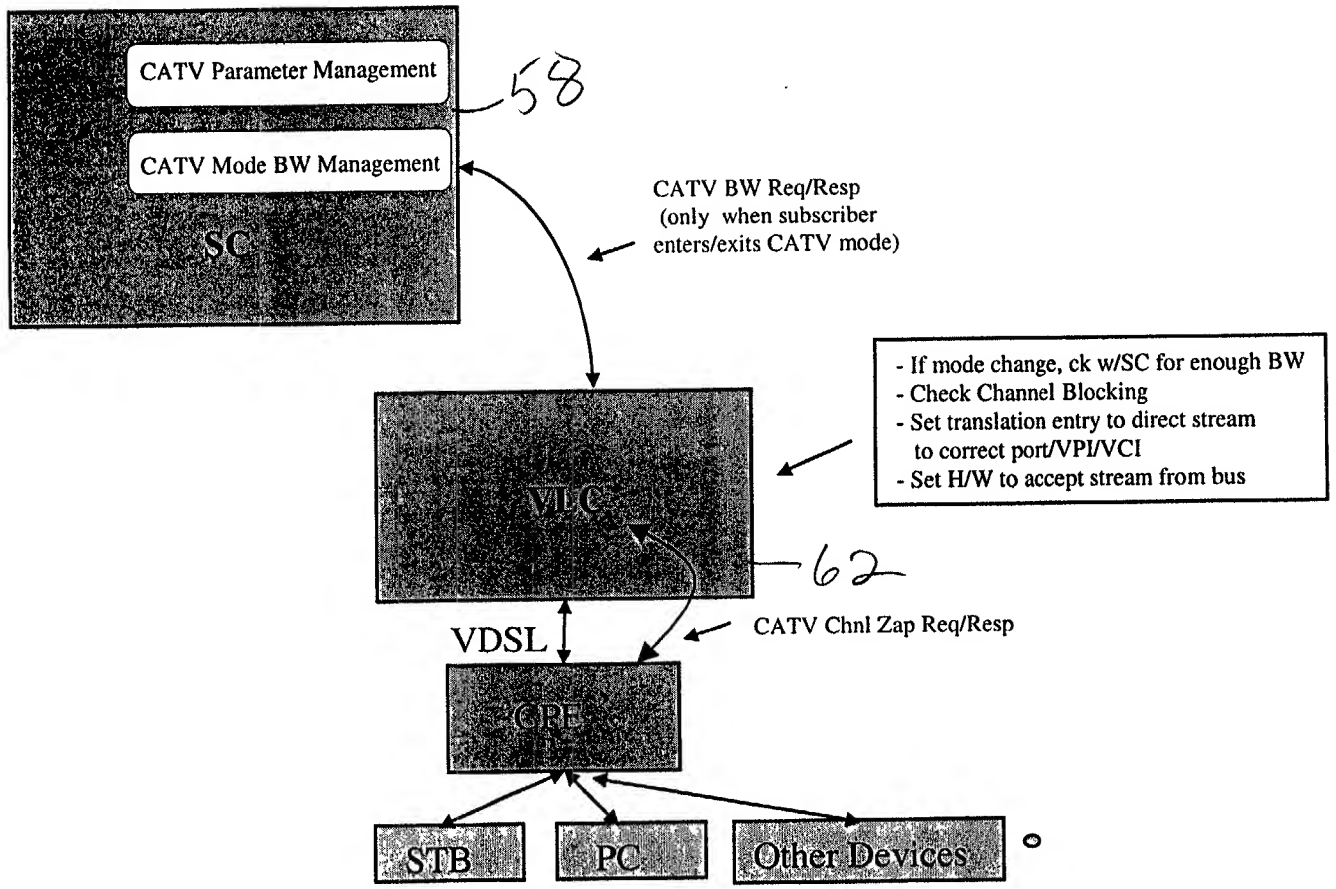

Fig. 12